

## ABSTRACT

To provide a coil type voice coil motor, the rigidity of the movable coil of which is high.

A voice coil motor of the movable coil type includes: a stator 1 of a permanent magnet 3 which becomes a magnetic field; and a movable element (7) of an armature coil (6), wherein the armature coil (8) is formed into a coil-shape having a cavity portion (5), and a reinforcing beam (10) made of non-magnetic and highly rigid material is formed at a substantial center of the cavity portion (5). Due to the above constitution, the reinforcing beam (10) prevents the coil from being deformed. Therefore, the rigidity of the movable coil can be greatly enhanced.